Build the Architect’s Table

Folding Table Plans for an Awesome Table That Can Be Used Several Ways!

Based on an antique Architect’s table, these folding table plans will have you producing a stunning piece of furniture in no time! The base has two sets of legs that fold to the back to support the upper portion of the top that folds over to create extra space when needed! Perfect for crafts, entertaining, or just general everyday use, this table will fit into any decor!

Materials:

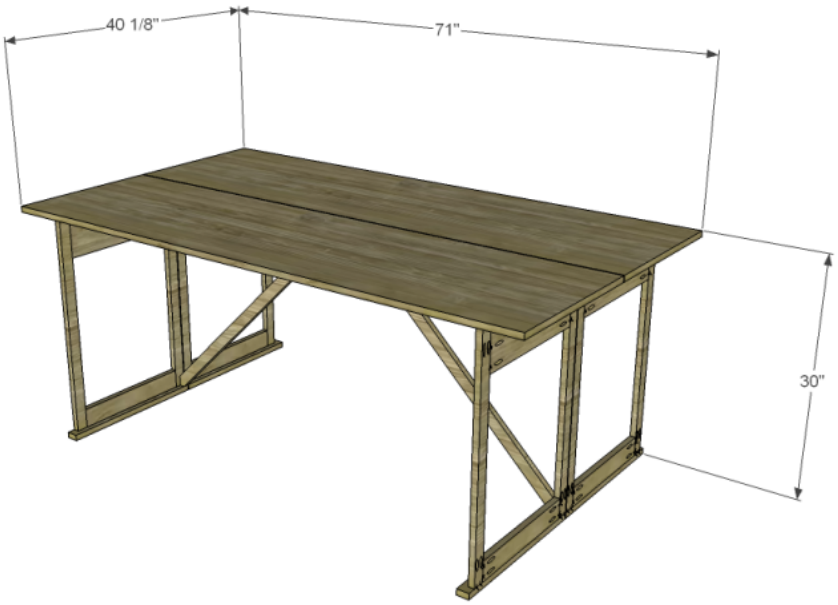
- 1-1/4″ pocket hole screws
- 1-1/4″ brad nails
- Edge banding, optional
- Two sets of hinges for the base
- Two sets of hinges for the top or one long continuous hinge
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

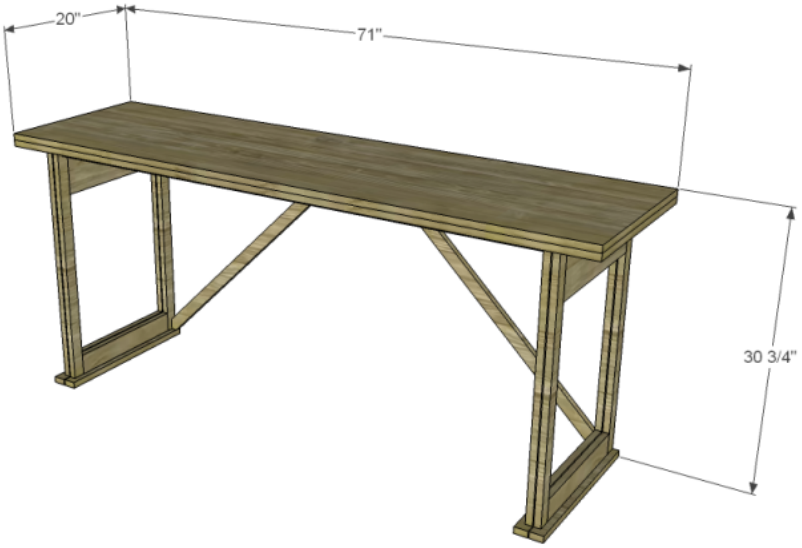
Lumber:

- 6 – 1×2 at 8′ **OR**
- 3 – 2×4 at 8′ ripped in half
- 1 – 1×3 at 6′
- 1 – 1×6 at 6′
- 1 sheet of 3/4″ plywood (PureBond would be an excellent choice!)

Cut List:

- 8 – 1×2 at 28-1/2″ – Base Legs
- 4 – 1×2 at 20″ – Base Foot
- 4 – 1×3 at 16″ – Base Frame
- 4 – 1×6 at 16″ -Base Frame
- 2 – 1×2 at 59-1/2″ – Top Supports
- 3 – 1×2 at 14-1/2″ – Top Supports
- 2 – 3/4″ plywood at 20″ x 71″ – Tops
- 2 – 1×2 at 1-3/8″ – Bracing Stop Blocks
- 2 – 1×2 at 41-3/16″ – Bracing



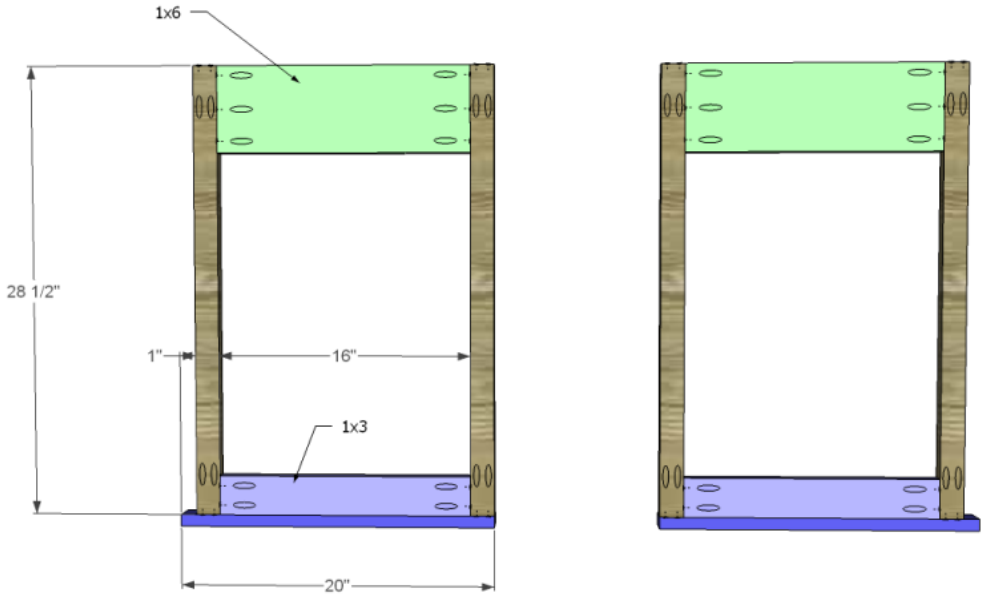


Notes:

Edge banding will be applied to the exposed edges of the plywood before assembly. The angles for the top of the bracing are cut at 45 degrees while the other angles in the bracing *are not*. Follow the diagram for cutting instructions.

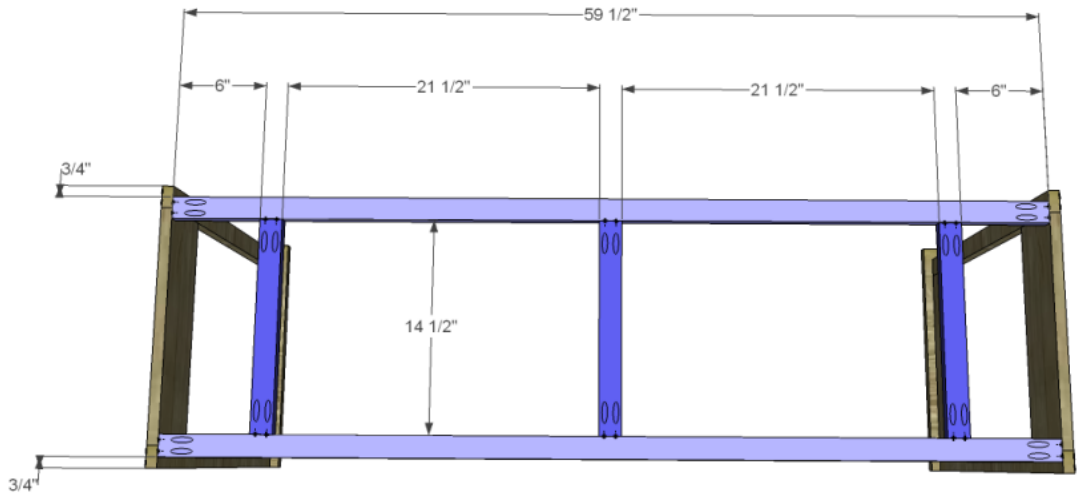
Step One

Cut the pieces for the base legs, feet, and framing. With the pocket hole jig set for 3/4″ material, drill pocket holes in each end of the pieces as indicated. Assemble the frame as shown using glue and 1-1/4″ pocket hole screws. The back face of the frame will be flush with the back edge of the foot, and set 3/4″ off to the side. There will be two right base assemblies, and two left base assemblies. Set a pair of the base assemblies aside.



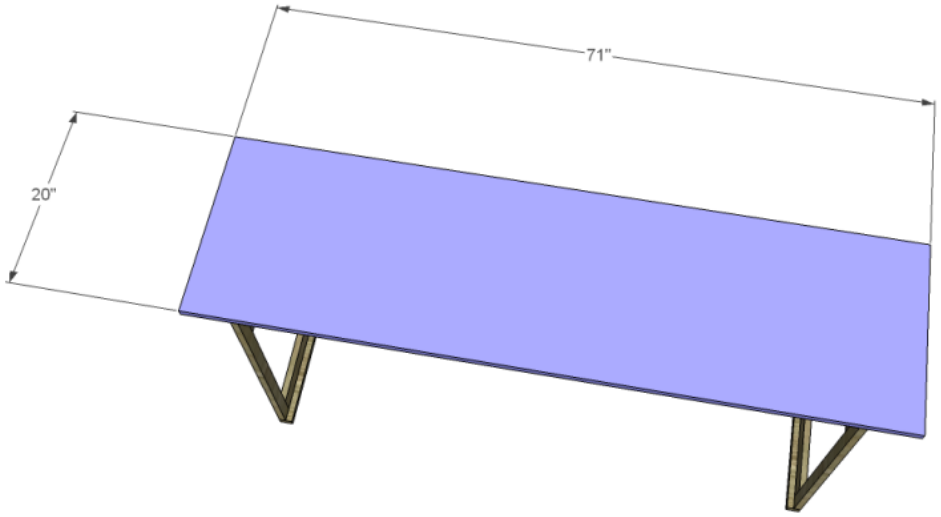
Step Two

Cut the pieces for the top supports and drill pocket holes as shown. Assemble the frame using glue and 1-1/4″ pocket hole screws, then attach to a pair of base assemblies.



Step Three

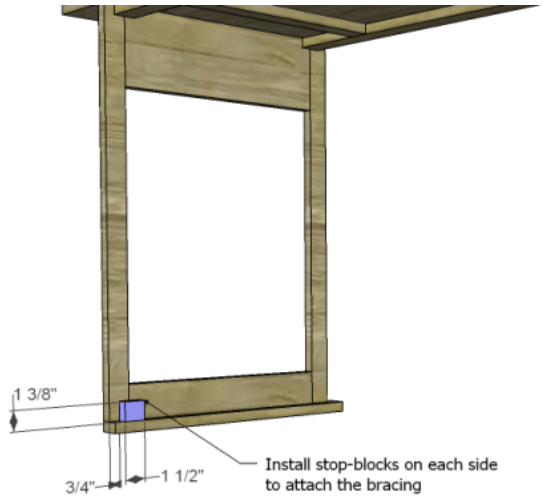
Cut the pieces for the top. The top will overhang the sides by 5″. Secure in place using glue and 1-1/4″ pocket hole screws through the base frames into the top. A few brad nails can also be added through the top into the supports.

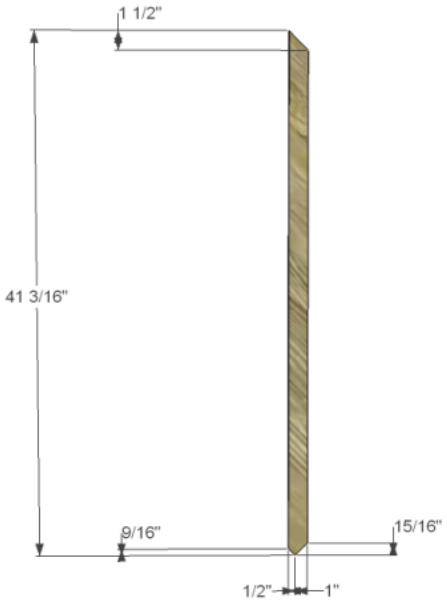


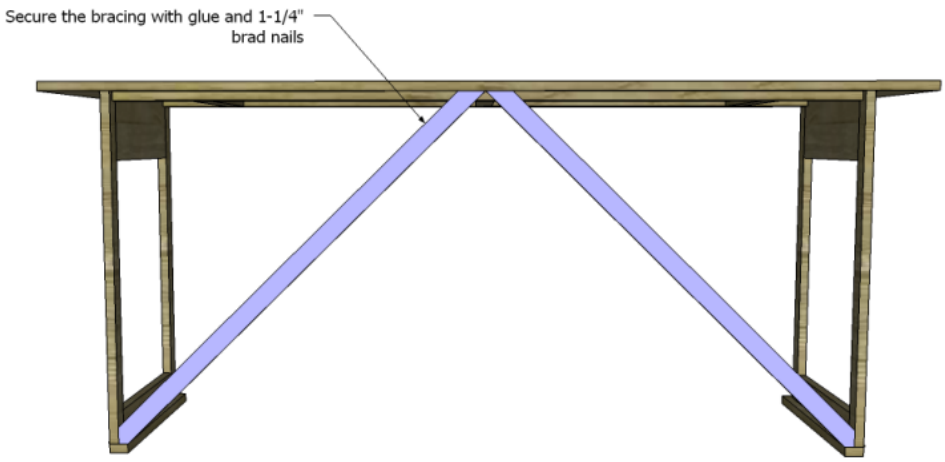
Step Four

Cut the pieces for the stop blocks. These pieces will only be applied to the main table base. Position the stop block as shown, then secure using glue and 1-1/4″ brad nails through the frame into the piece.

Cut the pieces for the braces. The angles for the top of the braces are cut at 45 degrees while the others are not. Mark the position for the other angles by drawing a line parallel to the length of the board at 1/2″ in from one side. Then, measure down the side and mark the dimensions indicated for each side. Draw a diagonal line from the top of the board to the side (where the marks are), then cut the angles. Position the braces as shown then secure to the top supports and stop blocks using glue and 1-1/4″ brad nails.







Step Five

Install the hinges on the back side of the base frames, then attach the second set of base frames. These will fold in when not in use, and out to support the additional top when it is folded over. Secure the second top piece in the same manner.

Finish as desired!

These folding table plans are simple and perfect for a beginner who wants to build something more than a square table. Got a request for a plan? Contact me at cher {at} designsbystudioc {dot} com.